

Figure 1-A

>2494862 Consensus	GGCGCATCCG AGCCATGGCC CAGCAGGTGT TTATGCTGGA CACCCAGTGC GGCGCATCCG AGCCATGGCC CAGCAGGTGT TTATGCTGGA CACCCAGTGC
>2494862 Consensus	TCACCAAAGA CACCAAACAA CTTTGACCAC GCTCAGTCCT GCCAGCTCAT TCACCAAAGA CACCAAACAA CTTTGACCAC GCTCAGTCCT GCCAGCTCAT
>2494862 Consensus	TATTGAGCTG CCTCCTGATG AAAAACAAA TGGACACACC AAGAAAAGCG TATTGAGCTG CCTCCTGATG AAAAACAAA TGGACACACC AAGAAAAGCG
>2494862 >1915946 Consensus	TGTCTTTCAG GGAAATTGTG GTGAGCCTGC TGTCTCATCA GGTGTTACTC CTTTCAAG GGAAATTGTG GTGAGCCTGC TGTCTCATCA GGTGTTACTC TGTCTTTCAG GGAAATTGTG GTGAGCCTGC TGTCTCATCA GGTGTTACTC
>2494862 >1915946 Consensus	CAGAACTTAT ATGACATCTT GTTAGAAGAG TT CAGAACTTAT ATGACATCTT GTTAGAAGAG TTTGTCAAAG GCCCCTCTCC CAGAACTTAT ATGACATCTT GTTAGAAGAG TTTGTCAAAG GCCCCTCTCC
>1915946 Consensus	TGGAGAGGAA AAGACGATAC AAGTGCCAGA AGCCAAGCTG GCTGGCTTCC TGGAGAGGAA AAGACGATAC AAGTGCCAGA AGCCAAGCTG GCTGGCTTCC
>1915946 >717188 >717188 >1687606 Consensus	TCAGATAACAT CTCTATGCAG AACATTGGCAG TCATATTGCA CCTGCTGCTG GGCAG TCATATTGCA CCTGCTGCTG GGCAG TCATATTGCA CCTGCTGCTG CATATTGCA CCTGCTGCTG TCAGATAACAT CTCTATGCAG AACATTGGCAG TCATATTGCA CCTGCTGCTG
>1915946 >717188 >717188 >1687606 Consensus	GACTCTTATA GGACTGCCAG GGAGTTTGAC ACCAGCCCCG GGCTGAAGTG GACTCTTATA GGACTGCCAG GGAGTTTGAC ACCAGCCCCG GGCTGAAGTG GACTCTTATA GGACTGCCAG GGAGTTTGAC ACCAGCCCCG GGCTGAAGTG GACTCTTATA GGACTGCCAG GGAGTTTGAC ACCAGCCCCG GGCTGAAGTG GACTCTTATA GGACTGCCAG GGAGTTTGAC ACCAGCCCCG GGCTGAAGTG
>1915946 >717188 >717188 >1687606 Consensus	CCTGCTGAAG AAAGTGTCTG GCATCGGGGG CGCCGCCAAC CT CCTGCTGAAG AAAGTGTCTG GCATCGGGGG CGCCGCCAAC CTCTACCGCC CCTGCTGAAG AAAGTGTCTG GCATCGGGGG CGCCGCCAAC CTCTACCGCC CCTGCTGAAG AAAGTGTCTG GCATCGGGGG CGCCGCCAAC CTCTACCGCC CCTGCTGAAG AAAGTGTCTG GCATCGGGGG CGCCGCCAAC CTCTACCGCC
>717188 >717188 >1687606 Consensus	AGTCTGCGAT GAG:TTAAC ATTTATTTCC ACGCCCTGGT GTGTGCTGTT AGTCTGCGAT GAGCTTAAC ATTTATTTCC ACGCCCTGGT GTGTGCTGTT AGTCTGCGAT GAGCTTAAC ATTTATTTCC ACGCCCTGGT GTGTGCTGTT AGTCTGCGAT GAGCTTAAC ATTTATTTCC ACGCCCTGGT GTGTGCTGTT
>717188 >717188 >1687606 Consensus	CTCACCAATC AAGAAAACAT CACGGCCGAG CAAGTGAAGA AGGTCCCTTT CTCACCAATC AAGAAACCAT CACGGCCGAG CAAGTGAAGA AGGTCCCTTT CTCACCAATC AAGAAACCAT CACGGCCGAG CAAGTGAAGA AGGTCCCTTT CTCACCAATC AAGAAACCAT CACGGCCGAG CAAGTGAAGA AGGTCCCTTT

Figure 1-B

>717188 TGAGGACGAC GAGAGAAGCA CGGATTCTTC CCAGCAGTGT
>717188 TGAGGACGAC GAGAGAAGCA CGGATTCTTC CCAGCAGTGT TCATCTGAGG
>1687606 TGAGGACGAC GAGAGAAGCA CGGATTCTTC CCAGCAGTGT T
Consensus TGAGGACGAC GAGAGAAGCA CGGATTCTTC CCAGCAGTGT TCATCTGAGG

>717188 ATGAAGACAT CTTTGAGGAA ACCGCCAGG TCAGCCCCC GAGAGGCAAG
Consensus ATGAAGACAT CTTTGAGGAA ACCGCCAGG TCAGCCCCC GAGAGGCAAG

>717188 GAGAAGAGAC AGTGGCGGGC ACGGATGCC TTGCTCAGCG TCCAGCCTGT
Consensus GAGAAGAGAC AGTGGCGGGC ACGGATGCC TTGCTCAGCG TCCAGCCTGT

>717188 CAGCAACGCA GATTGGGTGT GGCTGGTCAA GAGGCTGCAC AAGCTGTGCA
Consensus CAGCAACGCA GATTGGGTGT GGCTGGTCAA GAGGCTGCAC AAGCTGTGCA

>717188 TGGAACTGTG CAACAAC TAC ATCCAGATGC ACTTGGACCT GGAGAACTGT
Consensus TGGAACTGTG CAACAAC TAC ATCCAGATGC ACTTGGACCT GGAGAACTGT

>717188 ATGGAGGAGC CTCCCATCTT CAAGGGCGAC CCGTTCTTCA TCCTGCCCTC
Consensus ATGGAGGAGC CTCCCATCTT CAAGGGCGAC CCGTTCTTCA TCCTGCCCTC

>717188 CTTCCAGTCC GAGTCATCCA CCCCATCCAC CGGGGGCTTC TCTGGAAAG
Consensus CTTCCAGTCC GAGTCATCCA CCCCATCCAC CGGGGGCTTC TCTGGAAAG

>717188 AAACCCCTTC CGAGGATGAC AGAACCCAGT CCCGGGAGCA CATGGGCGAG
Consensus AAACCCCTTC CGAGGATGAC AGAACCCAGT CCCGGGAGCA CATGGGCGAG

>717188 TCCCTGAGCC TGAAGGCCGG TGGTGGGAC CTGCTGCTGC CCCCCAGCCC
Consensus TCCCTGAGCC TGAAGGCCGG TGGTGGGAC CTGCTGCTGC CCCCCAGCCC

>717188 CAAAGTGGAG AAGAAGGATC CCAGCCGAA GAAGGAGTGG TGGGAGAATG
Consensus CAAAGTGGAG AAGAAGGATC CCAGCCGAA GAAGGAGTGG TGGGAGAATG

>717188 CGGGGAACAA AATCTACACC ATGGCAGCCG ACAAGACCAT TTCAAAGTTG
Consensus CGGGGAACAA AATCTACACC ATGGCAGCCG ACAAGACCAT TTCAAAGTTG

>717188 ATGACCGAAT ACAAAAAGAG GAAACAGCAG CACAACCTGT CCGCGTTCCC
Consensus ATGACCGAAT ACAAAAAGAG GAAACAGCAG CACAACCTGT CCGCGTTCCC

>717188 CAAAGAGGTC AAAGTGGAGA AGAAAGGAGA GCCACTGGGT CCCAGGGGCC
>g534689 CAAAGAGGTC AAAGTGGAGA AGAAAGGAGA GCCACTGGGT CCCAGGGGCC
Consensus

>717188 AGGACTCCCC GCTGCTTCAG CGTCCCCAGC ACTTGATGGA CCAAGGGCAA
>g534689 AGGACTCCCC GCTGCTTCAG CGTCCCCAGC ACTTGATGGA CCAAGGGCAA
Consensus AGGACTCCCC GCTGCTTCAG CGTCCCCAGC ACTTGATGGA CCAAGGGCAA

Figure 1-C

>717188 ATGCGGCATT CCTTCAGCGC AGGCCCCGAG CTGCTGCGAC AGGACAAGAG
>g534689 ATGCGGCATT CCTTCAGCGC AGGCCCCGAG CTGCTGCGAC AGGACAAGAG
>g1967966 CATT CCTTCAGCGC AGGCCCCGAG CTGCTGCGAC AGGACAAGAG
Consensus ATGCGGCATT CCTTCAGCGC AGGCCCCGAG CTGCTGCGAC AGGACAAGAG

>717188 GCCCGCTCA GGCTCCACCG GGAGCTCCCT CAGTGTCTCG GTGAGAGACG
>g534689 GCCCGCTCA GGCTCCACCG GGAGCTCCCT CAGTGTCTCG GTGAGAGACG
>g1967966 GCCCGCTCA GGCTCCACCG GGAGCTCCCT CAGTGTCTCG GTGAGAGACG
Consensus GCCCGCTCA GGCTCCACCG GGAGCTCCCT CAGTGTCTCG GTGAGAGACG

>717188 CAGAACACA GATCCAGGCA TGGACCAACA TGGTGCTAAC AGTTCTCAAT
>g534689 CAGAACACA GATC:AGGCA TGGACCAACA T
>g1967966 CAGAACACA GATCCAGGCA TGGACCAACA TGGTGCTAAC AGTTCTCAAT
Consensus CAGAACACA GATCCAGGCA TGGACCAACA TGGTGCTAAC AGTTCTCAAT

>717188 CAGATTCAA TTCTCCCAGA CCAGACCTTC ACAGGCCCTCC AGCCCGCAGT
>g1967966 CAGATTCAA TTCTCCCAGA CCAGACCTTC ACAGGCCCTCC AGCCCGCAGT
>1270626 C C ACAGGCCCTCC AGCCCGCAGT
Consensus CAGATTCAA TTCTCCCAGA CCAGACCTTC ACAGGCCCTCC AGCCCGCAGT

>717188 GTTCCCGTGC ATCAGTCAGC TGACCTGTCA CGTGACCGAC ATCAGAGTT
>g1967966 GTTCCCGTGC ATCAGTCAGC TGACCTGTCA CGTGACCGAC ATCAGAGTT
>1270626 GTTCCCGTGC ATCAGTCAGC TGACCTGTCA CGTGACCGAC ATCAGAGTT
Consensus GTTCCCGTGC ATCAGTCAGC TGACCTGTCA CGTGACCGAC ATCAGAGTT

>717188 GCCAGGCTGT GAGGGAGTGG CTGGGCAGGG TGGGCCGTGT CTATGACATC
>g1967966 GCCAGGCTGC GAGGGAGTGG CTGGGCAGGG TGGGCCGTGT CTATGACATC
>1270626 GCCAGGCTGT GAGGGAGTGG CTGGGCAGGG TGGGCCGTGT CTATGACATC
Consensus GCCAGGCTGT GAGGGAGTGG CTGGGCAGGG TGGGCCGTGT CTATGACATC

>717188 ATTGTGTAGC CGACTCCTGT TCTACTCTCC CACCAAATAA CAGTAGTGAG
>g1967966 ATTGTGTAGC CGACTCCTGT TCTACTCTCC CACCAAATAA CAGTAGTGAG
>1270626 ATTGTGTAGC CGACTCCTGT TCTACTCTCC CACCAAATAA CAGTAGTGAG
Consensus ATTGTGTAGC CGACTCCTGT TCTACTCTCC CACCAAATAA CAGTAGTGAG

>717188 GGTTAGAGTC CTGCCAATAC AGCTGTTGCA TTTTCCCCAC CACTAGCCCC
>g1967966 GGTTAGAGTC CTGCCAATAC AGCTGTTGCA TTTTCCCCAC CACTAGCCCC
>1270626 GGTTAGAGTC CTGCCAATAC AGCTGTTGCA TTTTCCCCAC CACTAGCCCC
Consensus GGTTAGAGTC CTGCCAATAC AGCTGTTGCA TTTTCCCCAC CACTAGCCCC

>717188 ACTTAAACTA CTACTACTGT CTCAGAGAAC AGTGTTCCT AATGTAAAAA
>g1967966 ACTTAAACTA CTACTACTGT CTCAGAGAAC AGTGTTCCT AATGTAAAAA
>1270626 ACTTAAACTA C
Consensus ACTTAAACTA CTACTACTGT CTCAGAGAAC AGTGTTCCT AATGTAAAAA

Figure 1-D

>717188	GCCTTCCAA CCACTGATCA GCATTGGGC CATACTAAGG TTTGTATCTA
>g1967966	GCCTTCCAA CCACTGATCA GCATTA
>1690079	TAAGG TTTGTATCTA
Consensus	GCCTTCCAA CCACTGATCA GCATTRGGC CATACTAAGG TTTGTATCTA
>717188	GATGACACAA ACGATATTCT GATTTGCAC ATTATTATAG AAGAATCTAT
>1690079	GATGACACAA ACGATATTCT GATTTGCAC ATTATTATAG AAGAATCTAT
Consensus	GATGACACAA ACGATATTCT GATTTGCAC ATTATTATAG AAGAATCTAT
>717188	AATCCTTGAT ATGTTTCTAA CTCTTGAAGT ATATTTCCA GTGCTTTGC
>1690079	AATCCTTGAT ATGTTTCTAA CTCTTGAAGT ATATTTCCA GTGCTTTGC
Consensus	AATCCTTGAT ATGTTTCTAA CTCTTGAAGT ATATTTCCA GTGCTTTGC
>717188	TTACAGTGTT GTCCCCAAAT GGGTCATTT CAAGGATTAC TCATTTGAAA
>1690079	TTACAGTGTT GTCCCCAAAT GGGTCATTT CAAGGATTAC TCATTTGAAA
Consensus	TTACAGTGTT GTCCCCAAAT GGGTCATTT CAAGGATTAC TCATTTGAAA
>717188	ACACTATATT GATCCATTG ATCCATCATT TAAAAAATAA ATACAATTCC
>1690079	ACACTATATT GATCCATTG ATCCATCATT TAAAAAATAA ATACAATTCC
Consensus	ACACTATATT GATCCATTG ATCCATCATT TAAAAAATAA ATACAATTCC
>717188	TAAGGCAATA TCTGCTGGTA AGTCAAGCTG ATAAACACTC AGACATCTAG
>1690079	TAAGGCAATA TCTGCTGGTA AGTCAAGCT
Consensus	TAAGGCAATA TCTGCTGGTA AGTCAAGCTG ATAAACACTC AGACATCTAG
>717188	TACCAGGGAT TATTAATTGG AGGAAGATTT ATGGTTATGG GTCTGGCTGG
Consensus	TACCAGGGAT TATTAATTGG AGGAAGATTT ATGGTTATGG GTCTGGCTGG
>717188	GAAGAAGACA ACTATAAATA CATATTCTTG GGTGTCAAA TCAAGA
Consensus	GAAGAAGACA ACTATAAATA CATATTCTTG GGTGTCAAA TCAAGA

Figure 2

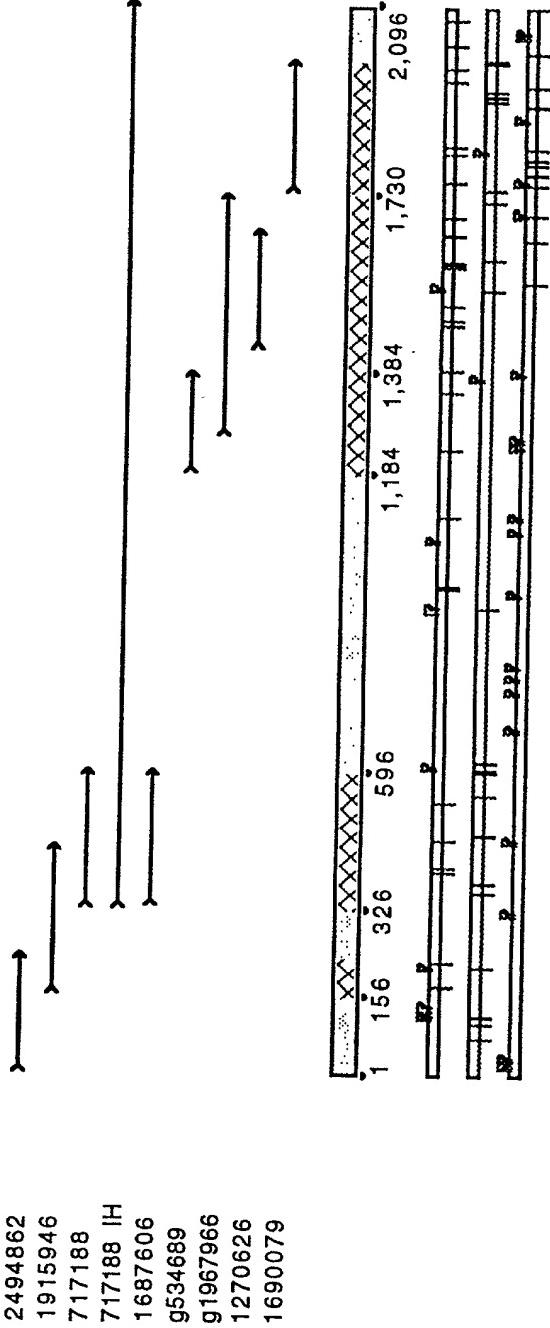
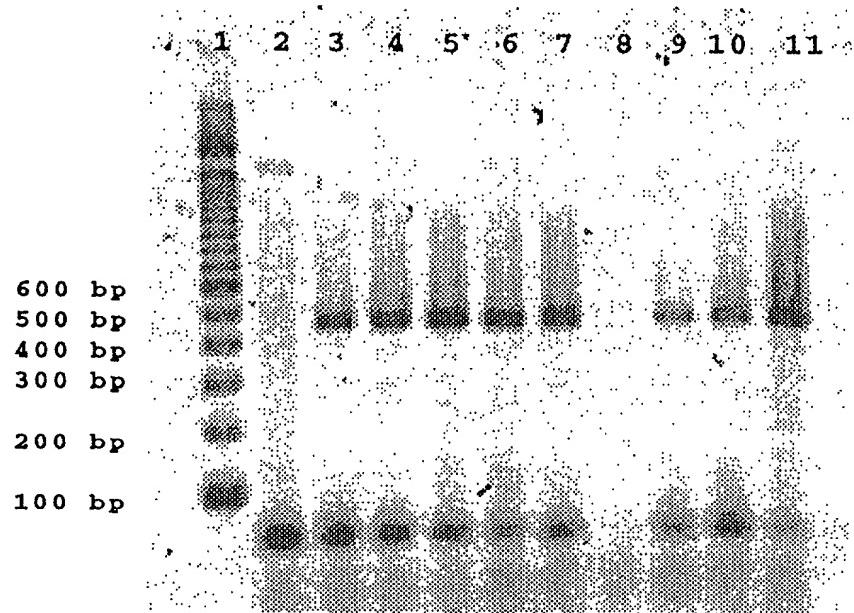
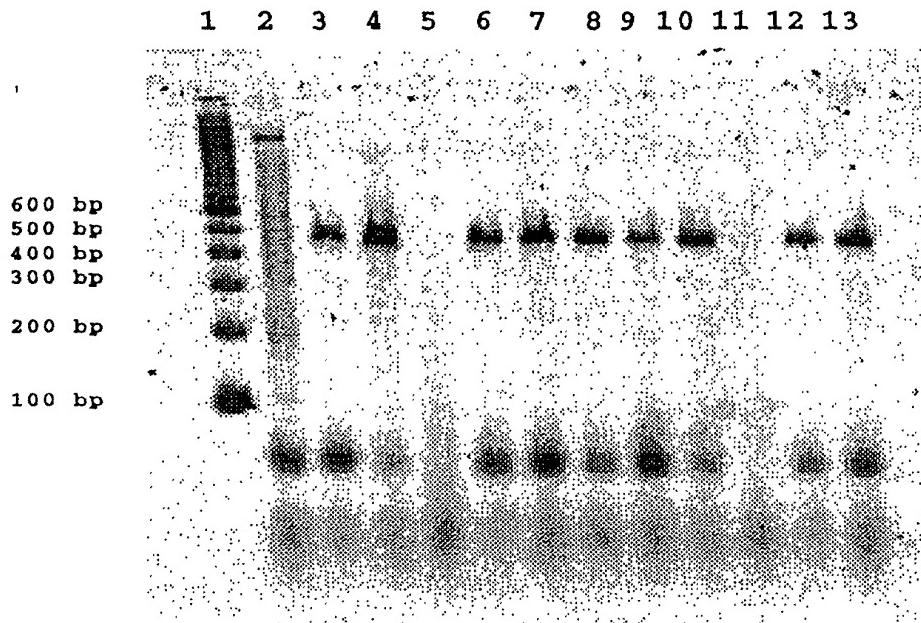


Figure 3-A



LANE	TISSUE
1	Molecular Weight Marker (100bp)
2	Placental DNA
3	Prostate BPH
4	Prostate BPH
5	Prostate Cancer
6	Prostate BPH
7	Prostate BPH
8	Prostate Cancer
9	Prostate Cancer
10	Prostate Cancer
11	LNCap Cell line

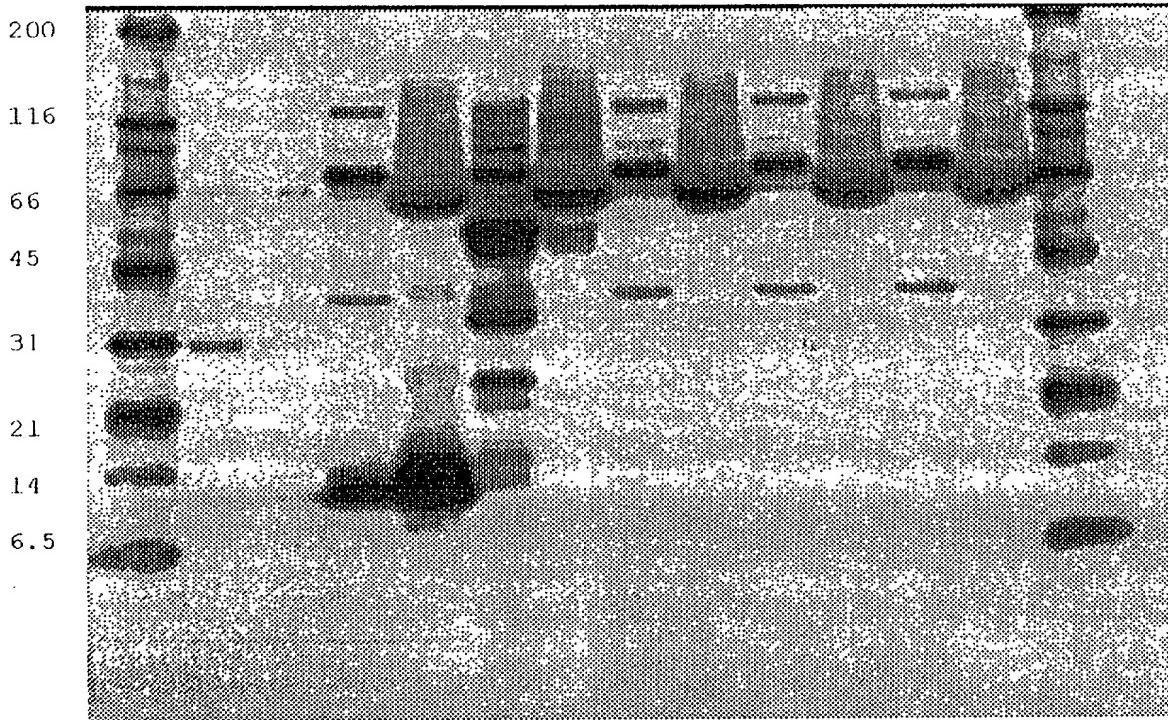
Figure 3-B



LANE	TISSUE
1	Molecular Weight Marker (100bp)
2	Placental DNA
3	Prostate BPH
4	Cancer Prostate
5	Cancer Colon
6	Cancer Colon
7	Normal Colon
8	Cancer Breast
9	Cancer Breast
10	Normal Breast
11	Normal Lung
12	Normal Lung
13	Cancer Lung

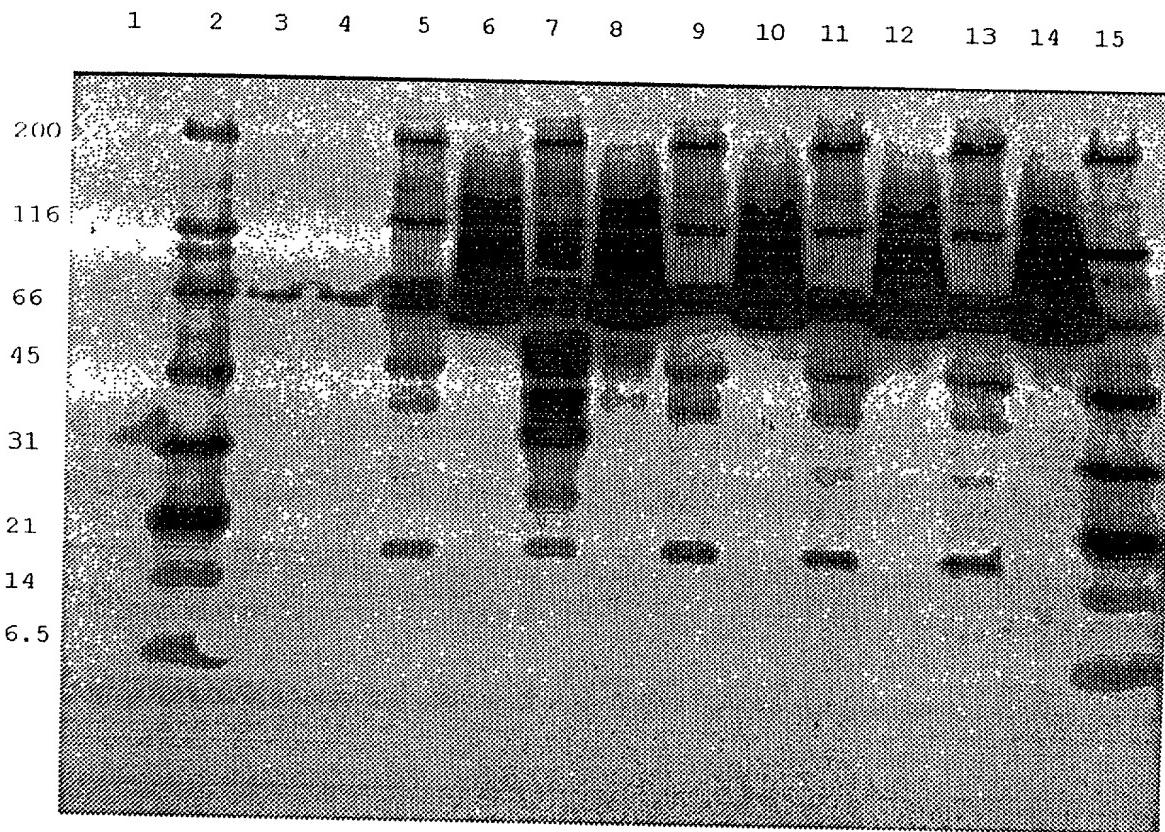
Figure 4-A

2 3 4 5 6 7 8 9 10 11 12 13 14 15



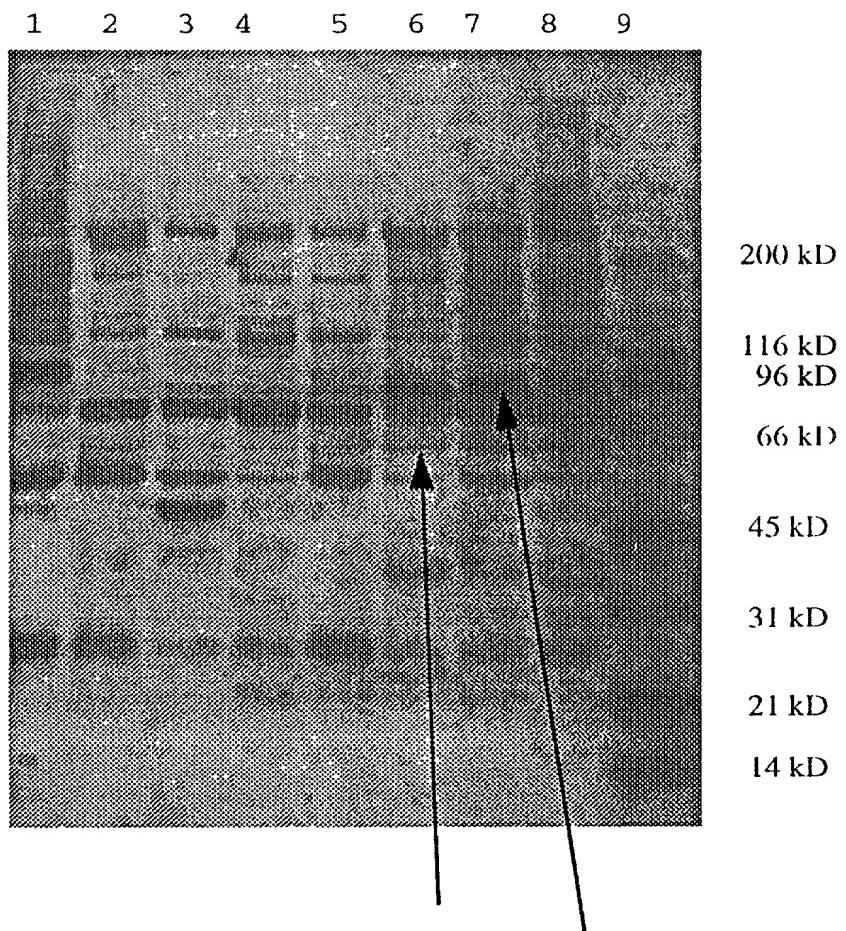
Lane	Sample
1	Pre-dyed Molecular Weight Marker (Not shown)
2	Biotinylated Molecular Weight Marker (kD)
3	Myc-Labeled Recombinant Protein, 1000 ng/ml
4	Myc-Labeled Recombinant Protein, 333 ng/ml
5	Unrelated Transfected Cell Lysate
6	Unrelated Transfected Cell Supernatant
7	PS118 Transfected Cell Lysate
8	PS118 Transfected Cell Supernatant
9	Unrelated Transfected Cell Lysate
10	Unrelated Transfected Cell Supernatant
11	Unrelated Transfected Cell Lysate
12	Unrelated Transfected Cell Supernatant
13	PS118 Untransfected Cell Lysate
14	PS118 Untransfected Cell Supernatant
15	Biotinylated Molecular Weight Marker (kD)

Figure 4-B



Lane	Sample
1	Pre-dyed Molecular Weight Marker
2	Biotinylated Molecular Weight Marker (kD)
3	Myc-Labeled Recombinant Protein, 1000 ng/ml
4	Myc-Labeled Recombinant Protein, 333 ng/ml
5	Unrelated Transfected Cell Lysate
6	Unrelated Transfected Cell Supernatant
7	PS118 Transfected Cell Lysate
8	PS118 Transfected Cell Supernatant
9	Unrelated Transfected Cell Lysate
10	Unrelated Transfected Cell Supernatant
11	Unrelated Transfected Cell Lysate
12	Unrelated Transfected Cell Supernatant
13	PS118 Untransfected Cell Lysate
14	PS118 Untransfected Cell Supernatant
15	Biotinylated Molecular Weight Marker (kD)

Figure 5



Lane	Tissue
1	Breast
2	Bladder
3	Lung
4	Colon
5	BPH
6	BPH
7	Cancer Prostate
8	Cancer Prostate
9	Molecular Weight Marker (kD)